

CPG Group Meeting

Technical Update

June 14, 2016

Technical Update Overview

- 17-mi RI/FS "Path Forward" Meeting with Region
- TC Recommendation & Goals on Revising & Completing 17-mi RI Report
- Region 2- CPG Comment Review Meetings
- Region 2 Staff Statement on Exposure Depth Dispute Resolution
- Revised 17-mile BERA Update
- Portland Harbor Proposed Plan

Portland Harbor Alternatives

Table 1. Cleanup Alternative Comparison Table

Note: Alternative A is not listed below because it is the "No further action" alternative.

Alt	Dredge Volume* (CY)	Dredge Area (acres)	Dredge / Cap Area (acres)	Sed. Treatment		Cap (acres)	ENR (acres)	MNR (acres)	Disposal	Cost		Years to Build
				In-place (acres)	Off-site (CY)					DMM1 (\$M)	DMM2 (\$M)	
B	659,000	67	6	7	156,000 to 208,000	23	100	1,966	DMM2	451	NA	4
C	790,000	80	6	5		30	97	1,948		497	NA	5
D	1,266,00	121	11	3		45	87	1,900		654	NA	6
E	2,204,000	188	15	0		66	60	1,838	DMM1 or DMM2	804	870	7
F	5,100,000	355	32			118	28	1,634		1,317	1,371	13
G	8,294,000	525	47			187	20	1,391		1,731	1,777	19
H	33,487,000	1,526	106			535	0	0		9,446	9,525	62
I	1,885,000	150	17			64	59.8	1,876	746	811	7	

CY= cubic yards

Alternative A is no further action

*top of a range

ENR= enhanced natural recovery

MNR = monitored natural recovery

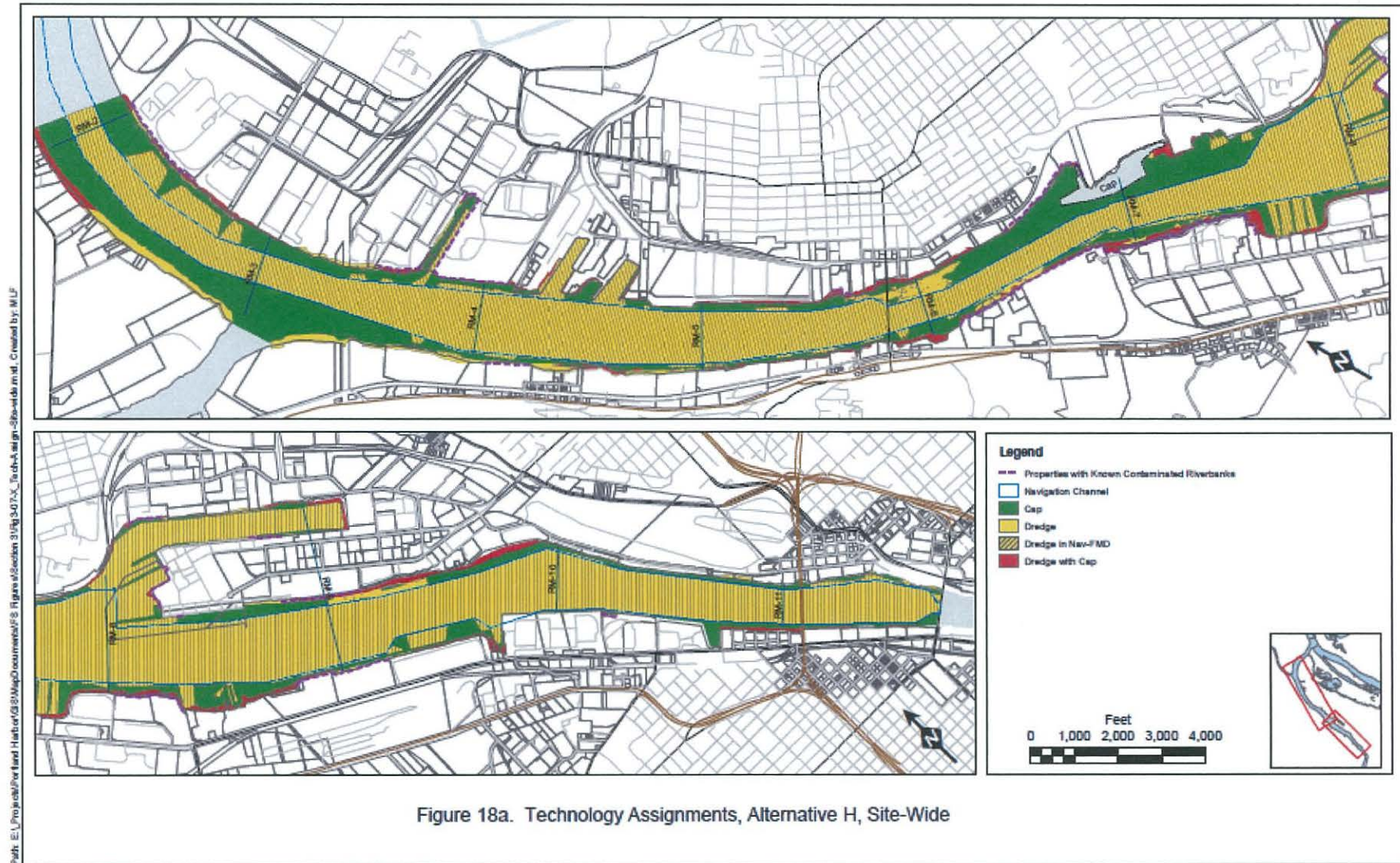
DMM = disposal material management scenario

DMM1 = on-site *and* off-site disposal

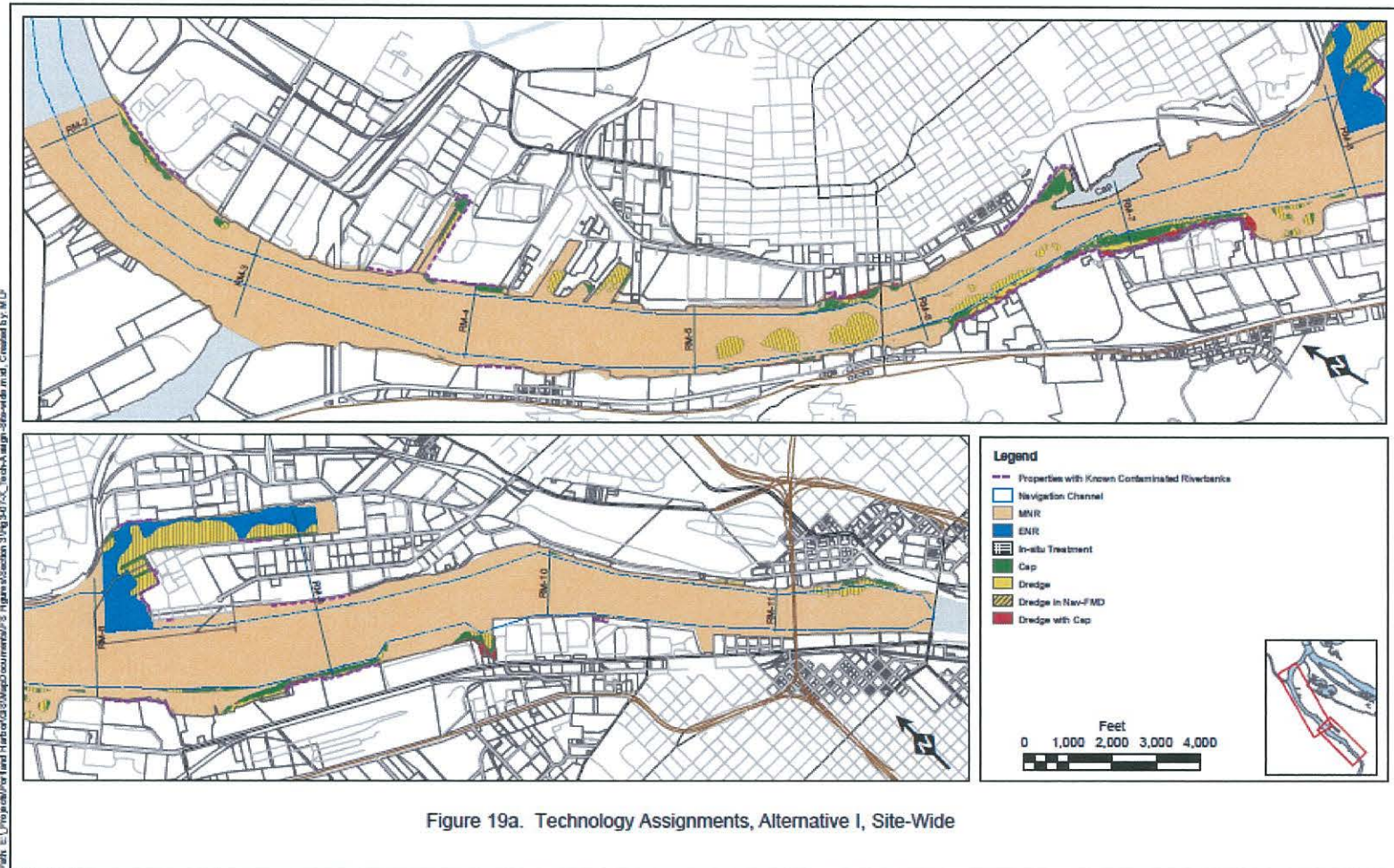
DMM2 = off-site disposal *only*

\$M= million dollars

Portland Harbor – Alt H (Largest)



Portland Harbor – Alt I (Preferred)



Privileged & Confidential - Prepared at
Request of Counsel

Portland Harbor Selection Criteria

- Uses dredging, capping, and ENR for areas of the river with the highest contaminant concentrations. For most of the river where concentrations of contaminants are lower, it relies on MNR to meet goals in a reasonable time frame.
- Addresses the most significantly contaminated sediment to achieve substantial and more consistent risk reduction in all areas of the river, using a balance of active and passive technologies.

Annual Dredging Rates

